

Ejercicios

1. En el escritorio (/Desktop), crear tres carpetas nombradas Empleado1, Empleado2 y Empleado3.

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\sergi\OneDrive\Escritorio> md Empleado1, Empleado2, Empleado3

Directory: C:\Users\sergi\OneDrive\Escritorio


Mode                LastWriteTime         Length Name
----                -
d-----         6/24/2025  11:48 AM              Empleado1
d-----         6/24/2025  11:48 AM              Empleado2
d-----         6/24/2025  11:48 AM              Empleado3

PS C:\Users\sergi\OneDrive\Escritorio>
```

2. Dentro de cada carpeta(creadas en el punto 1), crear un archivo de texto con el nombre bienvenida1.txt en la carpeta Empleado1, bienvenida2.txt en la carpeta Empleado2 y bienvenida3.txt en la carpeta Empleado3.

```
Windows PowerShell  X + v

PS C:\Users\sergi\OneDrive\Escritorio> cd Empleado1
PS C:\Users\sergi\OneDrive\Escritorio\Empleado1> echo > bienvenida1.txt

cmdlet Write-Output at command pipeline position 1
Supply values for the following parameters:
InputObject[0]:
PS C:\Users\sergi\OneDrive\Escritorio\Empleado1> dir

Directory: C:\Users\sergi\OneDrive\Escritorio\Empleado1


Mode                LastWriteTime         Length Name
----                -
-a---l         6/24/2025  12:03 PM              0 bienvenida1.txt

PS C:\Users\sergi\OneDrive\Escritorio\Empleado1> cd..
PS C:\Users\sergi\OneDrive\Escritorio> cd Empleado2
PS C:\Users\sergi\OneDrive\Escritorio\Empleado2> echo > bienvenida2.txt

cmdlet Write-Output at command pipeline position 1
Supply values for the following parameters:
InputObject[0]:
PS C:\Users\sergi\OneDrive\Escritorio\Empleado2> cd..
PS C:\Users\sergi\OneDrive\Escritorio> cd Empleado3
PS C:\Users\sergi\OneDrive\Escritorio\Empleado3> echo > bienvenida3.txt

cmdlet Write-Output at command pipeline position 1
Supply values for the following parameters:
InputObject[0]:
PS C:\Users\sergi\OneDrive\Escritorio\Empleado3> |
```

3. Crear una carpeta en /Desktop llamada Empleados la cual debe contener las carpetas creadas anteriormente. Mover las carpetas del punto 1 a Empleados.

```
Windows PowerShell
PS C:\Users\sergi\OneDrive\Escritorio> md Empleados

Directory: C:\Users\sergi\OneDrive\Escritorio

Mode                LastWriteTime         Length Name
----                -
d-----         6/24/2025  12:11 PM                Empleados
```

```
Windows PowerShell
PS C:\Users\sergi\OneDrive\Escritorio> move Empleado1, Empleado2, Empleado3 C:\Users\sergi\OneDrive\Escritorio\Empleados
PS C:\Users\sergi\OneDrive\Escritorio> cd Empleados
PS C:\Users\sergi\OneDrive\Escritorio\Empleados> dir

Directory: C:\Users\sergi\OneDrive\Escritorio\Empleados

Mode                LastWriteTime         Length Name
----                -
dar--l         6/24/2025  12:03 PM                Empleado1
dar--l         6/24/2025  12:05 PM                Empleado2
dar--l         6/24/2025  12:08 PM                Empleado3

PS C:\Users\sergi\OneDrive\Escritorio\Empleados> |
```

4. Listar los procesos en el sistema.

```

Windows PowerShell
PS C:\Users\sergi\OneDrive\Escritorio\Empleados> tasklist

Image Name                      PID Session Name        Session#    Mem Usage
=====
System Idle Process             0
System                          4
Secure System                   236
Registry                       280
smss.exe                       860
csrss.exe                      1172
wininit.exe                    1284
csrss.exe                      1292 Console
services.exe                   1356
LsaIso.exe                     1364
lsass.exe                      1384
svchost.exe                    1516
fontdrvhost.exe               1548
WUDFHost.exe                  1592
svchost.exe                    1660
svchost.exe                    1708
WUDFHost.exe                  1768
winlogon.exe                   1872 Console
fontdrvhost.exe               1916 Console
dwm.exe                       2004 Console
svchost.exe                    1020
svchost.exe                    836
svchost.exe                    1160
svchost.exe                    832
svchost.exe                    844
svchost.exe                    2096
svchost.exe                    2152
svchost.exe                    2236
svchost.exe                    2244
svchost.exe                    2256
svchost.exe                    2316
IntelCpHDCPSvc.exe            2440
svchost.exe                    2452
svchost.exe                    2464
svchost.exe                    2472
svchost.exe                    2552
svchost.exe                    2572
svchost.exe                    2632
svchost.exe                    2820
svchost.exe                    3152
svchost.exe                    3164
svchost.exe                    3268
svchost.exe                    3276
NVDisplay.Container.exe       3356
svchost.exe                    3364
svchost.exe                    3432
AsusCertService.exe           3480

```

5. En una terminal aparte ejecutar el comando Ping a Google y no lo detenga.

```
Windows PowerShell
PS C:\> ping www.google.com

Pinging www.google.com [2607:f8b0:4009:81b::2004] with 32 bytes of data:
Reply from 2607:f8b0:4009:81b::2004: time=128ms
Reply from 2607:f8b0:4009:81b::2004: time=122ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=18ms

Ping statistics for 2607:f8b0:4009:81b::2004:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 17ms, Maximum = 128ms, Average = 71ms
PS C:\> ping www.google.com -t

Pinging www.google.com [2607:f8b0:4009:81b::2004] with 32 bytes of data:
Reply from 2607:f8b0:4009:81b::2004: time=19ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=21ms
Reply from 2607:f8b0:4009:81b::2004: time=15ms
Reply from 2607:f8b0:4009:81b::2004: time=19ms
Reply from 2607:f8b0:4009:81b::2004: time=16ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=19ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=19ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
Reply from 2607:f8b0:4009:81b::2004: time=35ms
Reply from 2607:f8b0:4009:81b::2004: time=77ms
Reply from 2607:f8b0:4009:81b::2004: time=17ms
|
```

6. En la terminal actual listar los procesos, identificar el id del proceso Ping a Google y detener la ejecución desde la terminal actual.

```
brave.exe                22272 Console                1      32,900 K
powershell.exe           93688 Console                1      83,336 K
conhost.exe              111592 Console                1     10,336 K
OpenConsole.exe          79380 Console                1     20,208 K
svchost.exe              113808                      0     35,976 K
PING.EXE → 112276 Console                1       6,624 K
WmiPrvSE.exe             17252                      0     23,388 K
updater.exe              104128                      0     16,236 K
updater.exe              71808                      0     12,040 K
updater.exe              109428                      0     24,160 K
updater.exe              40636                      0     12,276 K
tasklist.exe             113244 Console                1     12,644 K
PS C:\Users\sergi\OneDrive\Escritorio\Empleados>
```

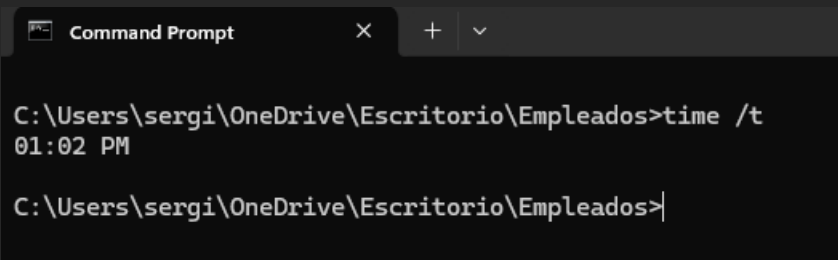
PING.EXE	112276	Console	1	6,936 K
svchost.exe	48280		0	18,184 K
svchost.exe	102768		0	9,668 K
svchost.exe	32900		0	11,200 K
msedgewebview2.exe	90604	Console	1	127,336 K
msedgewebview2.exe	113784	Console	1	9,724 K
msedgewebview2.exe	53440	Console	1	80,184 K
msedgewebview2.exe	55964	Console	1	37,036 K
msedgewebview2.exe	18724	Console	1	20,780 K
msedgewebview2.exe	51624	Console	1	52,868 K
WmiPrvSE.exe	85048		0	22,616 K
SearchProtocolHost.exe	38008		0	17,768 K
msedge.exe	33048	Console	1	57,144 K
msedge.exe	108328	Console	1	33,940 K
brave.exe	99100	Console	1	74,528 K
brave.exe	96916	Console	1	58,876 K
brave.exe	106324	Console	1	34,820 K
svchost.exe	100648		0	9,220 K
tasklist.exe	93736	Console	1	12,688 K

```

PS C:\Users\sergi\OneDrive\Escritorio\Empleados> taskkill /F /PID 112276
SUCCESS: The process with PID 112276 has been terminated.
PS C:\Users\sergi\OneDrive\Escritorio\Empleados> |

```

7. Visualice la hora del sistema operativo.



```

Command Prompt
C:\Users\sergi\OneDrive\Escritorio\Empleados>time /t
01:02 PM

C:\Users\sergi\OneDrive\Escritorio\Empleados>|

```

8. Renombrar los archivos de textos creados en el punto 2, a welcome.txt.

```
C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1>dir
Volume in drive C is OS
Volume Serial Number is 9E84-965A

Directory of C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1

06/24/2025  12:03 PM    <DIR>          .
06/24/2025  01:06 PM    <DIR>          ..
06/24/2025  12:03 PM                0 bienvenida1.txt
                1 File(s)                0 bytes
                2 Dir(s)  32,865,837,056 bytes free

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1>ren bienvenida1.txt welcome.txt

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1>dir
Volume in drive C is OS
Volume Serial Number is 9E84-965A

Directory of C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1

06/24/2025  01:07 PM    <DIR>          .
06/24/2025  01:06 PM    <DIR>          ..
06/24/2025  12:03 PM                0 welcome.txt
                1 File(s)                0 bytes
                2 Dir(s)  32,866,541,568 bytes free

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado1>cd..

C:\Users\sergi\OneDrive\Escritorio\Empleados>cd Empleado2

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado2>ren bienvenida2.txt welcome.txt

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado2>cd..

C:\Users\sergi\OneDrive\Escritorio\Empleados>cd Empleado3

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado3>ren bienvenida3.txt welcome.txt

C:\Users\sergi\OneDrive\Escritorio\Empleados\Empleado3>|
```

9. Eliminar la carpeta Empleado creada en el punto 3.

```
PS C:\Users\sergi\OneDrive\Escritorio> rmdir Empleados

Confirm
The item at C:\Users\sergi\OneDrive\Escritorio\Empleados has children and the Recurse parameter was not specified. If you continue, all children will be removed with the item. Are you sure you want to continue?
[Y] Yes  [A] Yes to All  [N] No   [L] No to All  [S] Suspend  [?] Help (default is "Y"): y
PS C:\Users\sergi\OneDrive\Escritorio>
```